

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date  
25 August 2005 (25.08.2005)

PCT

(10) International Publication Number  
WO 2005/078436 A1

(51) International Patent Classification<sup>7</sup>: G01N 33/487,  
27/403, B01L 3/00

(21) International Application Number:  
PCT/US2005/003624

(22) International Filing Date: 4 February 2005 (04.02.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
60/542,348 6 February 2004 (06.02.2004) US

(71) Applicant (for all designated States except US): BAYER  
HEALTHCARE LLC [US/US]; 1884 Miles Avenue, P.O.  
Box 40, Elkhart, Indiana 46514-0040 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): BLASCHKE,

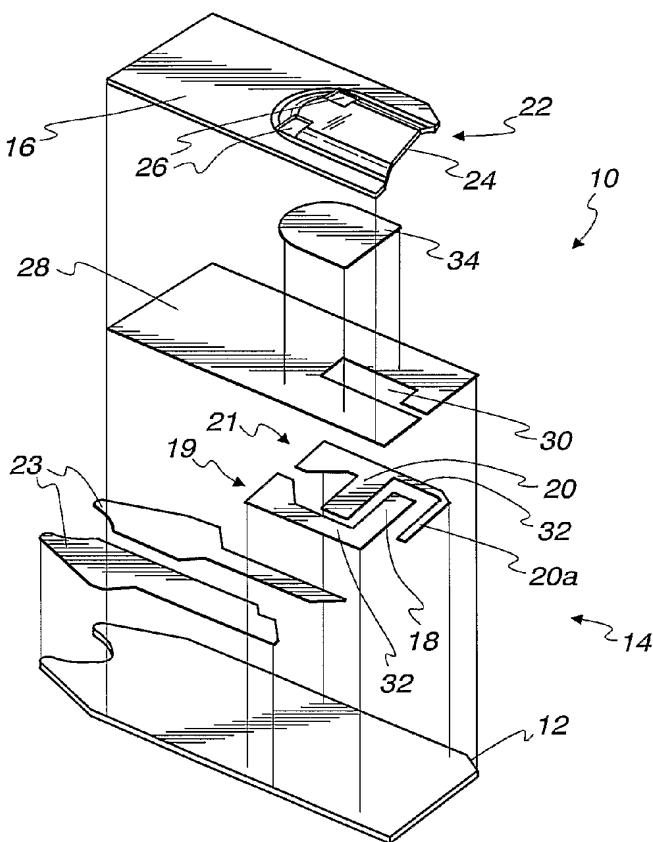
Christina [US/US]; 69590 Bellows Road, White Pigeon,  
Michigan 49099 (US). BROWN, Daniel, V. [US/US];  
1720 Lawndale Road, Elkhart, Indiana 46514 (US).  
JUNG, Sung-Kwon [KR/US]; 11738 Antler Street,  
Granger, Indiana 46530 (US).

(74) Agents: GATZ, John, C. et al.; Jenkens & Gilchrist, a  
Professional Corporation, 225 W. Washington Street, Suite  
2600, Chicago, Illinois 60606-3418 (US).

(81) Designated States (unless otherwise indicated, for every  
kind of national protection available): AE, AG, AL, AM,  
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,  
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,  
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,  
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,  
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,  
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,  
ZW.

[Continued on next page]

(54) Title: FLUID TESTING SENSOR HAVING VENTS FOR DIRECTING FLUID FLOW





(84) **Designated States** (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

**Published:**

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

**Declaration under Rule 4.17:**

— as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations